

Title: ADAPTIVE CONTROL FOR A REFRIGERATION SYSTEM USING
PULSE WIDTH MODULATED DUTY CYCLE SCROLL COMPRESSOR

Inventors: Hung M. Pham et al.

Atty. Ref.: 0315-000451/REK

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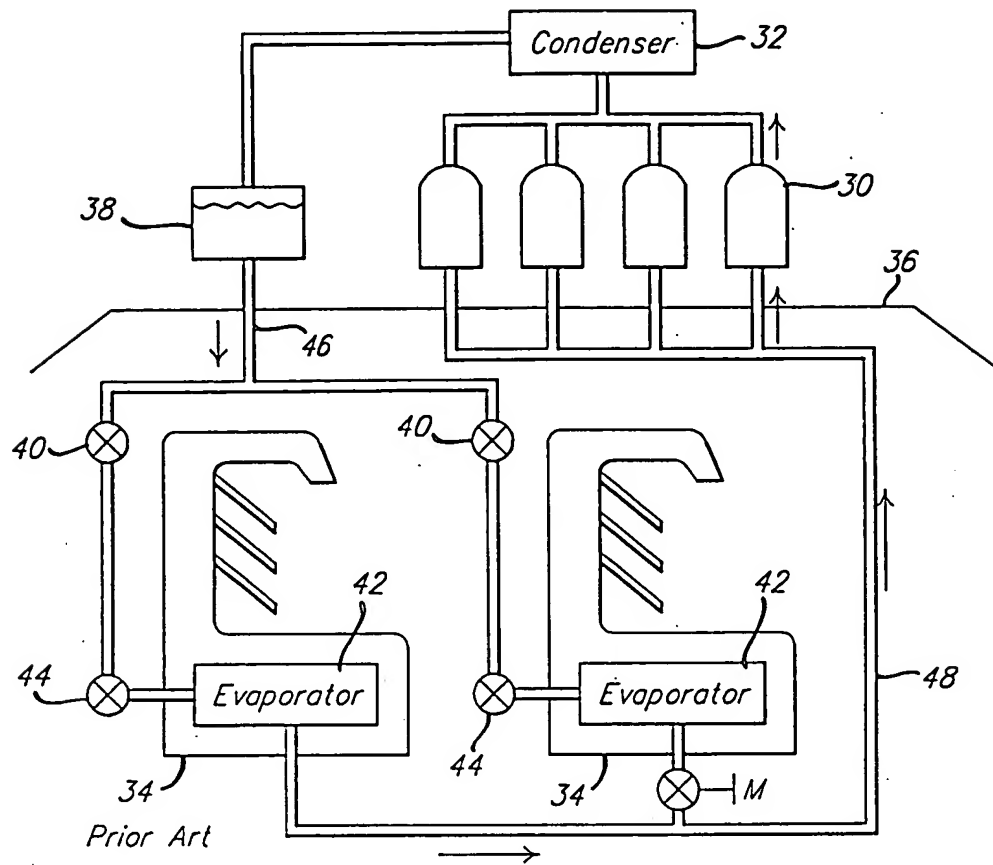


FIG. 1.

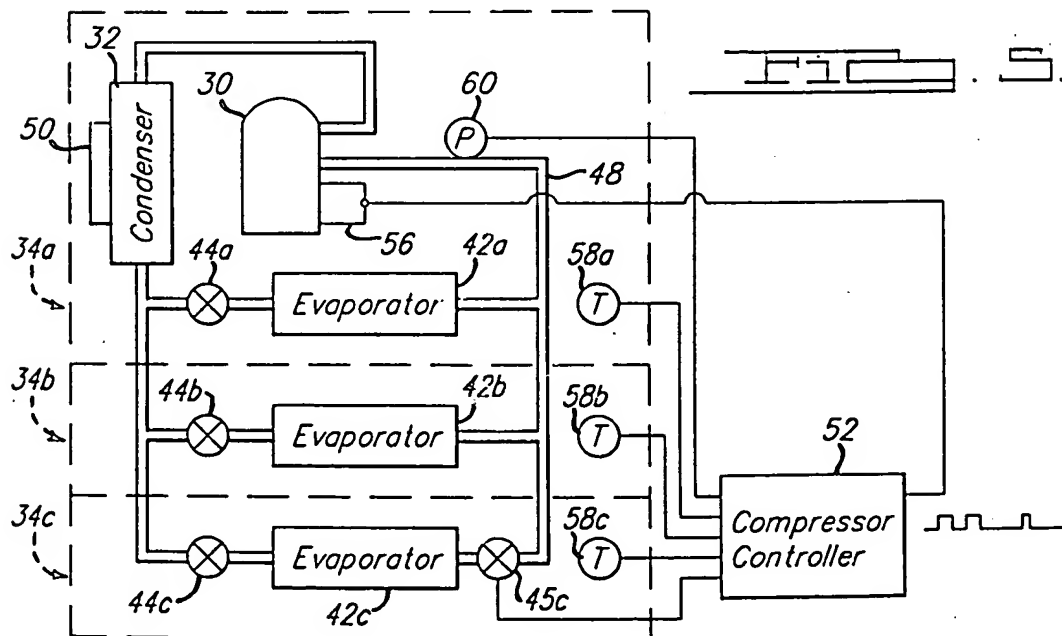


FIG. 5.

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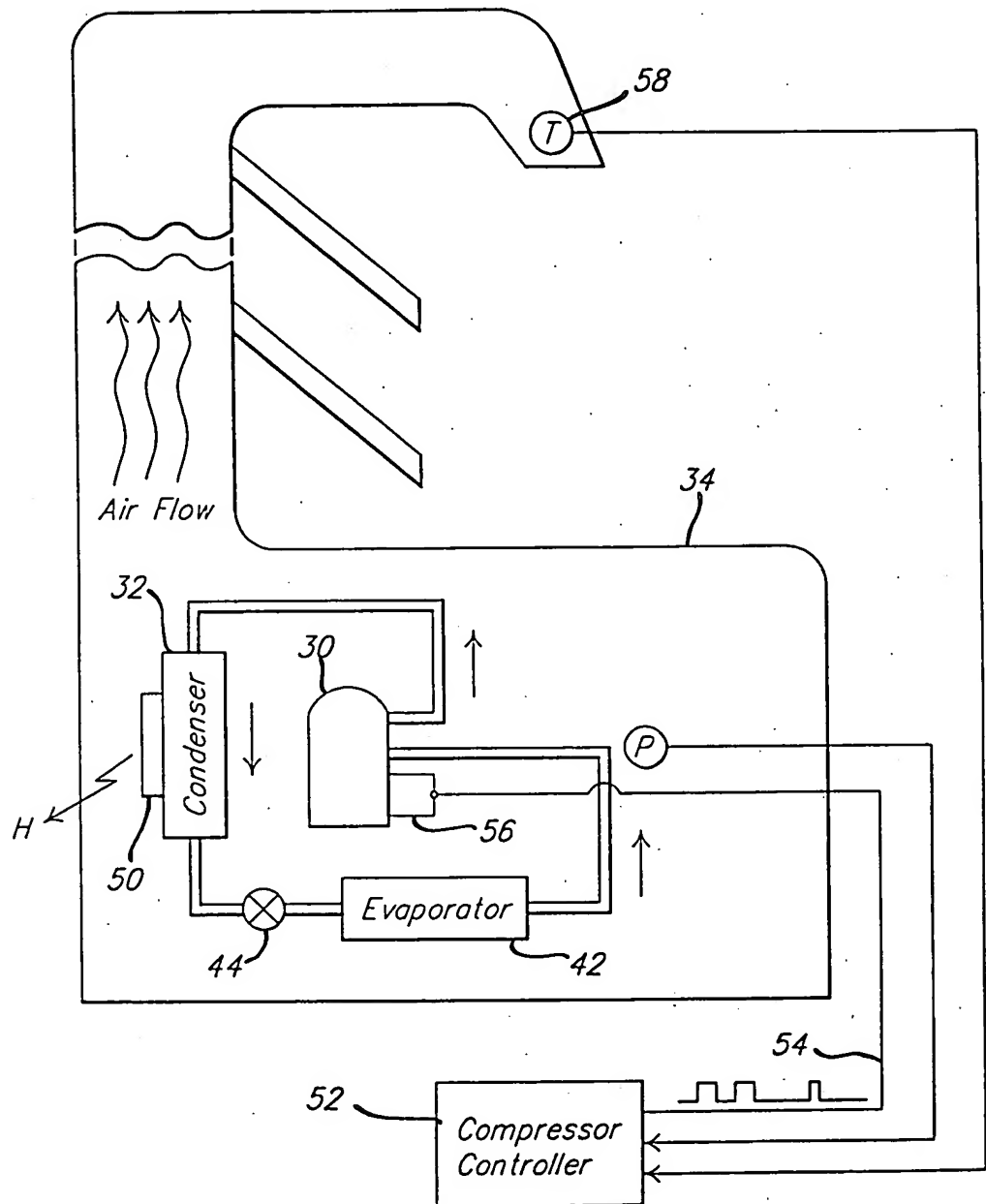
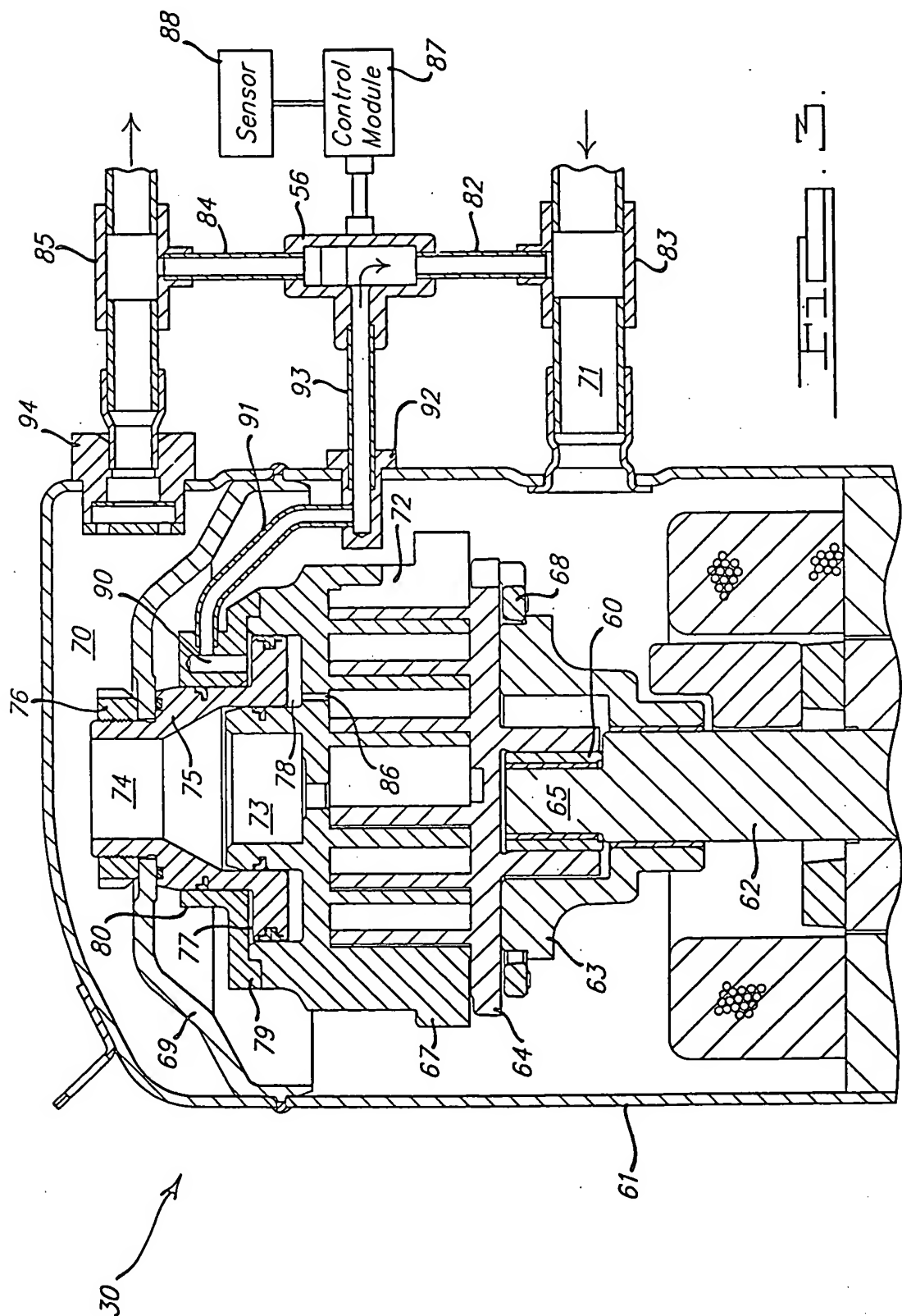
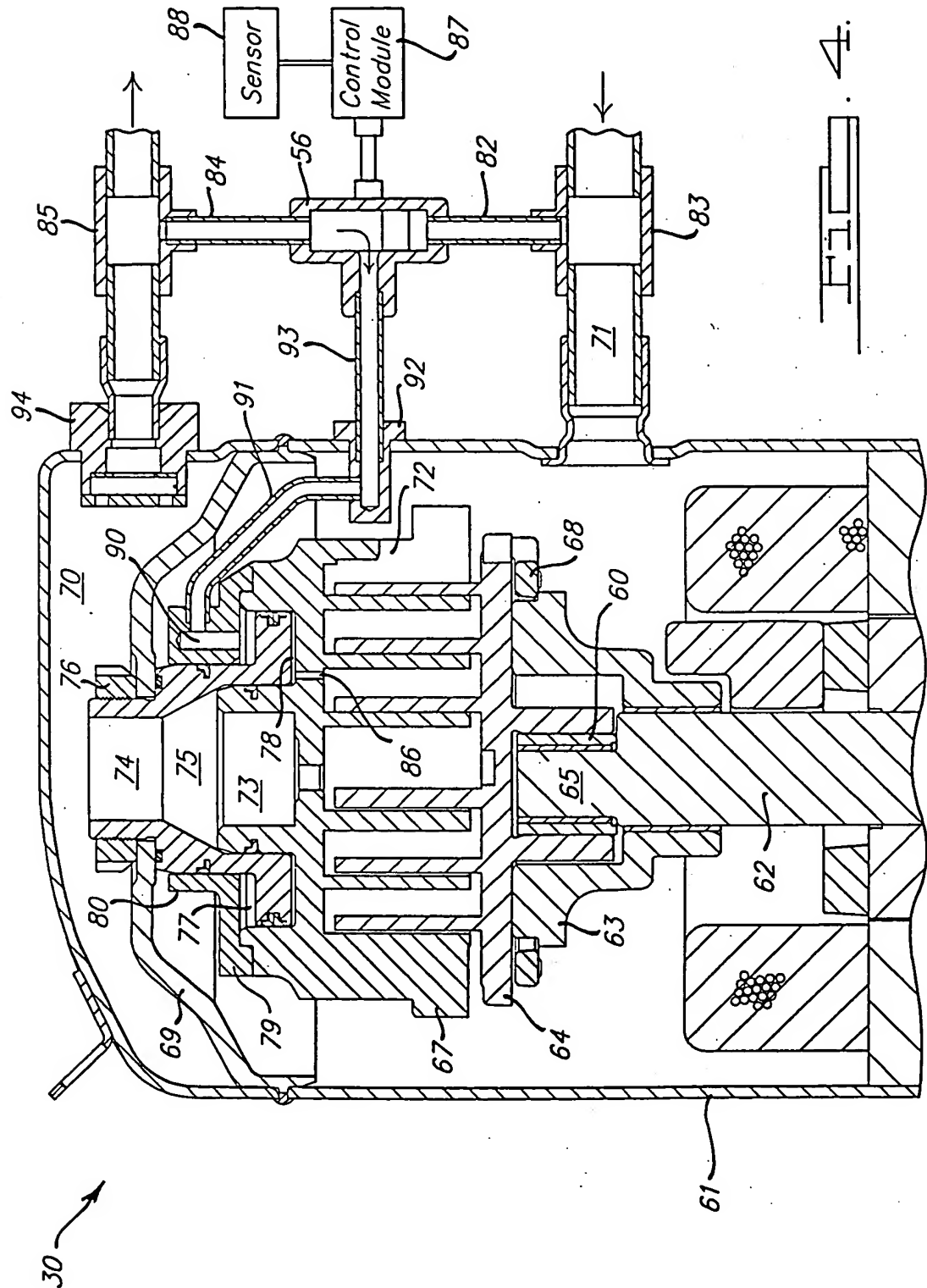


FIG. 2.

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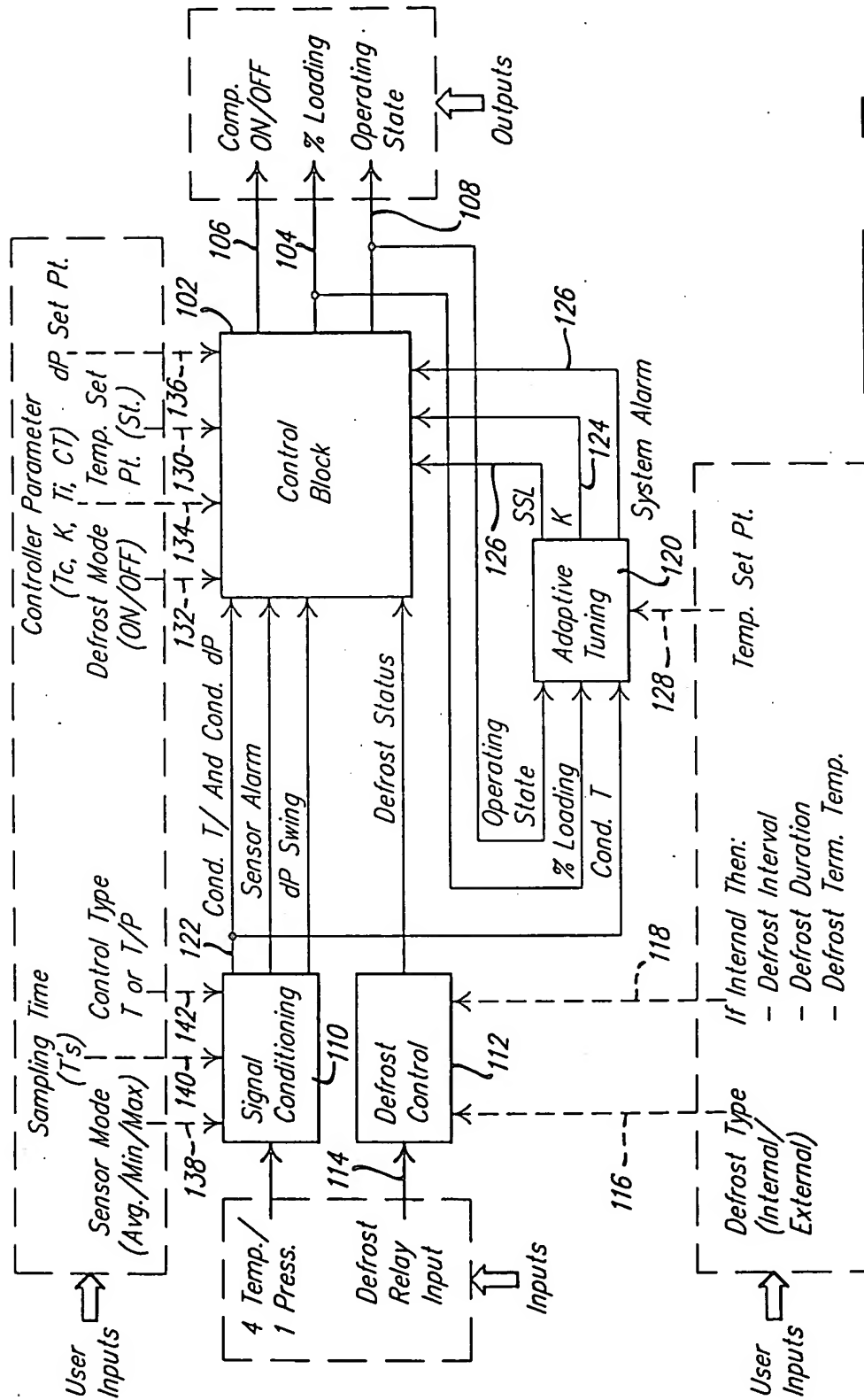


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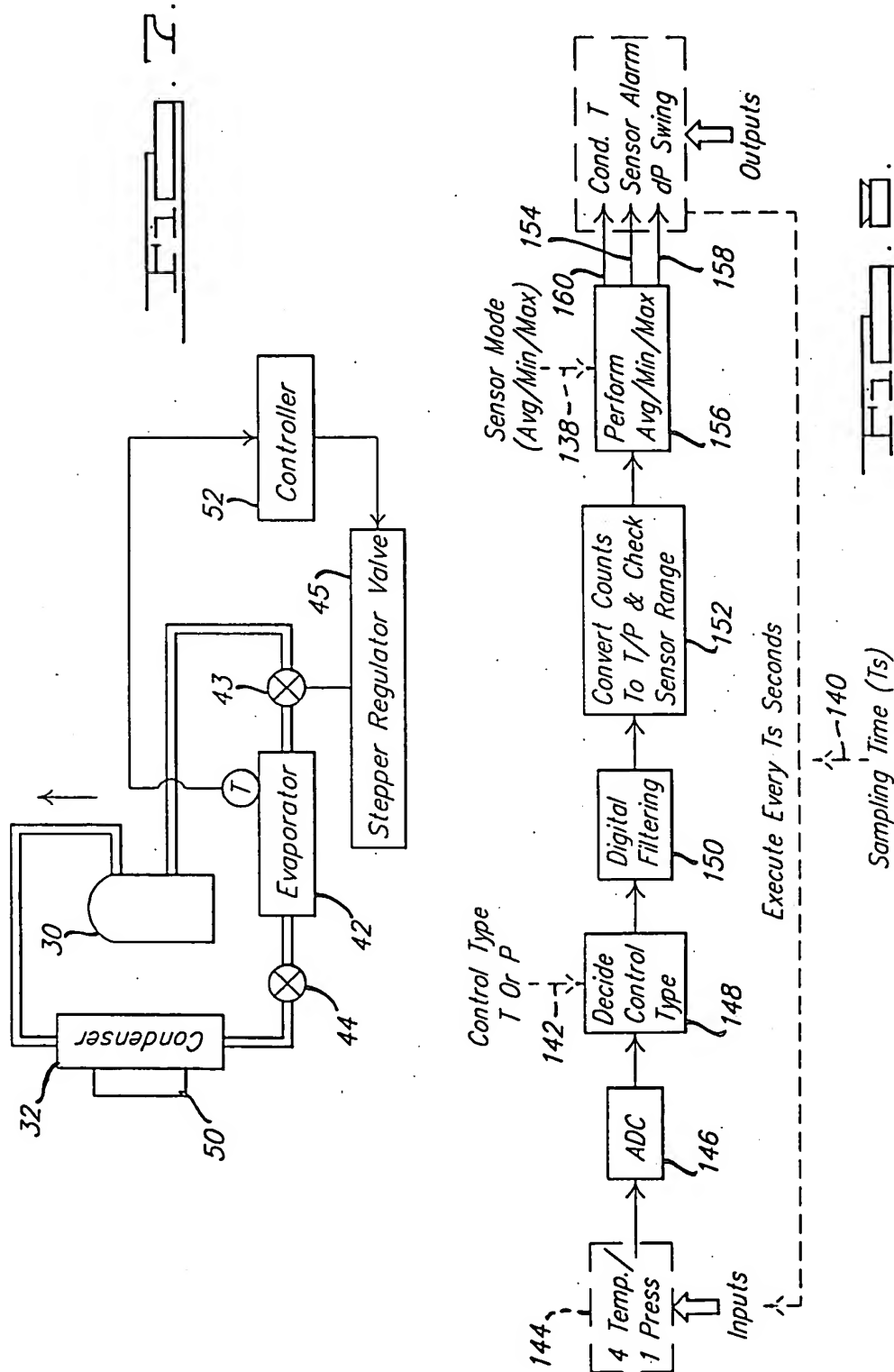


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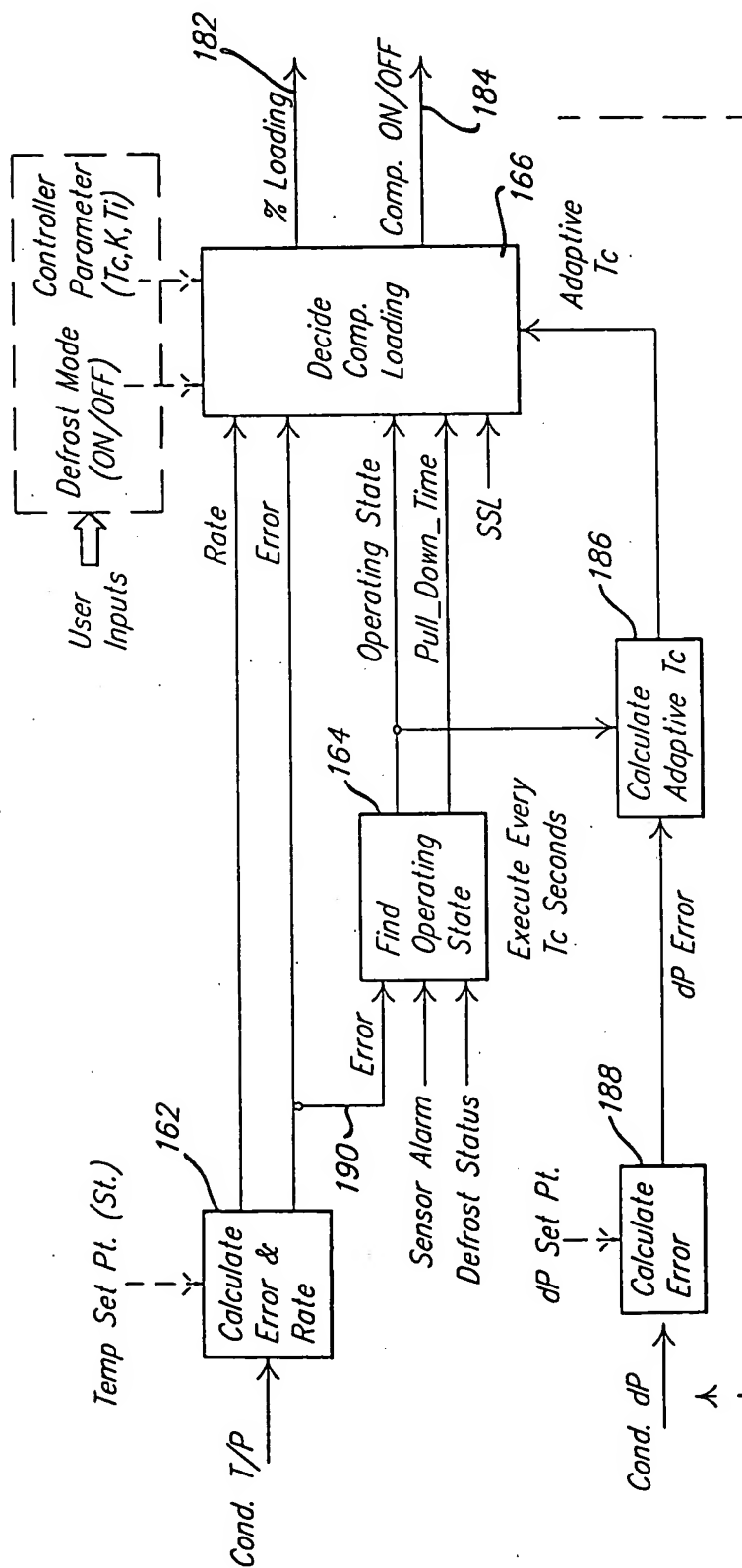


FIG. 9.

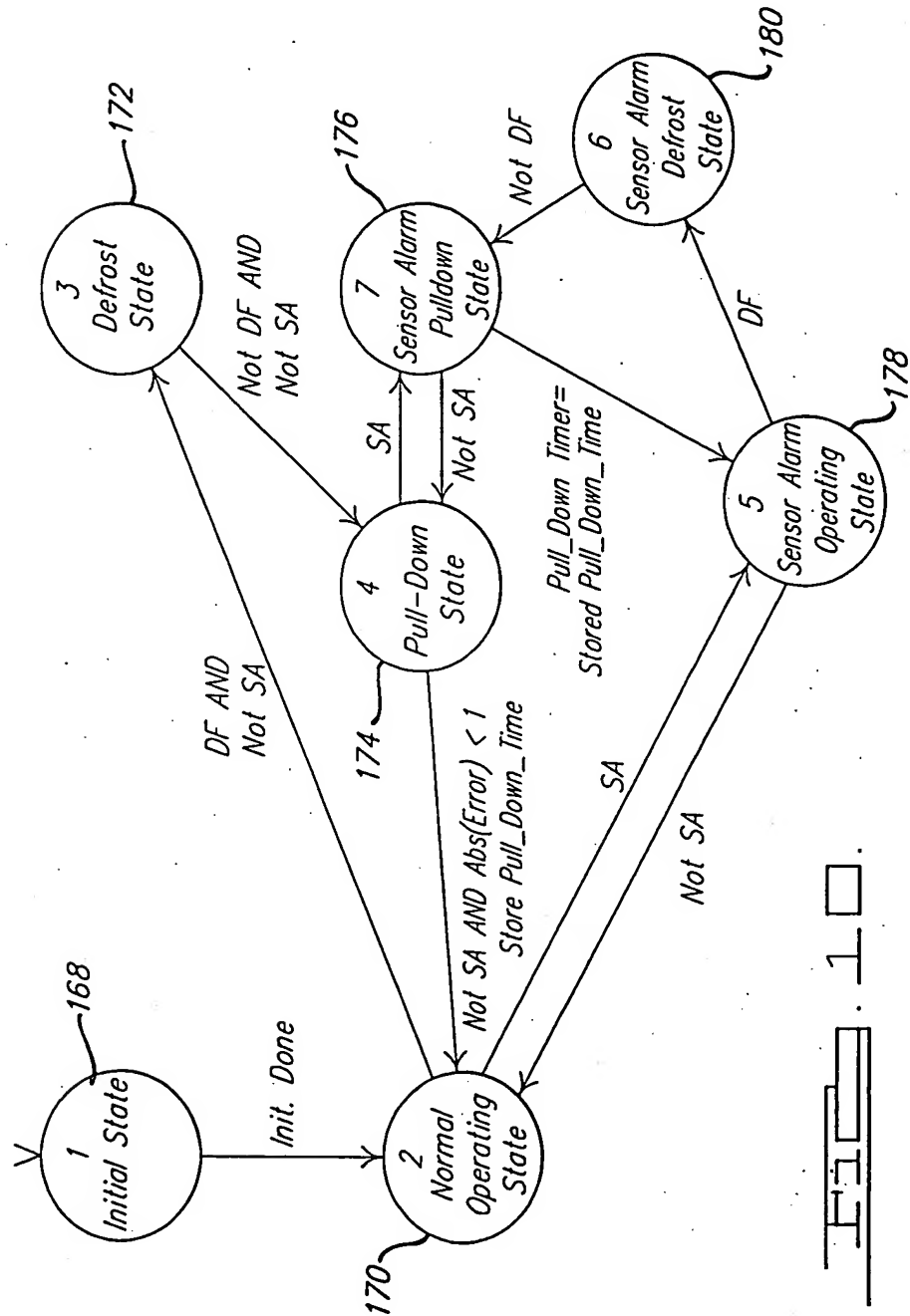


FIG. 10.

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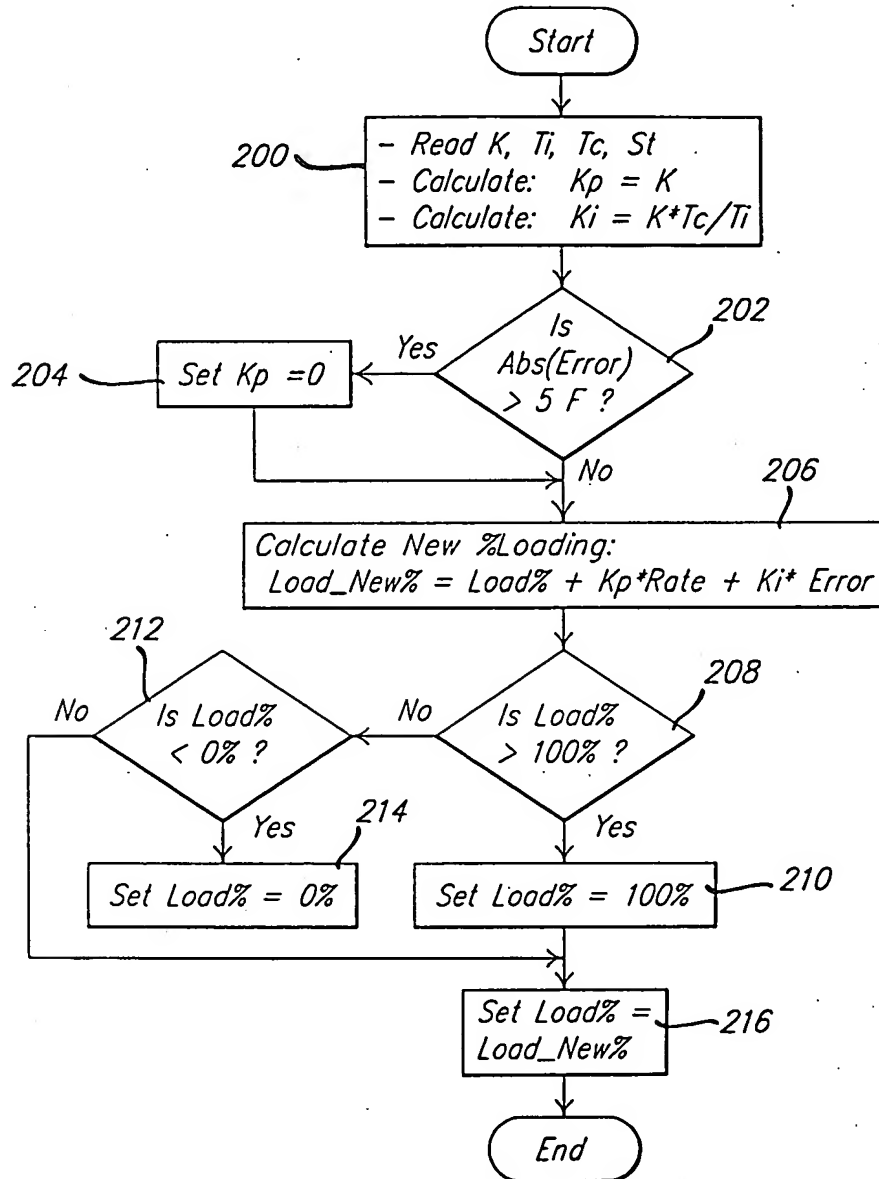


Fig. 11.

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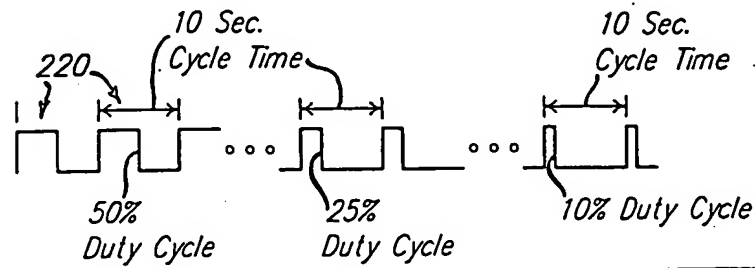


FIG. 12.

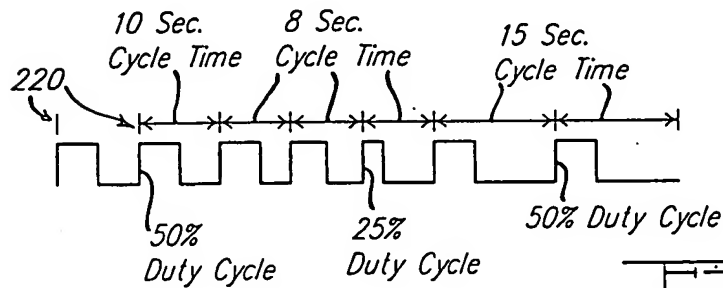


FIG. 13.

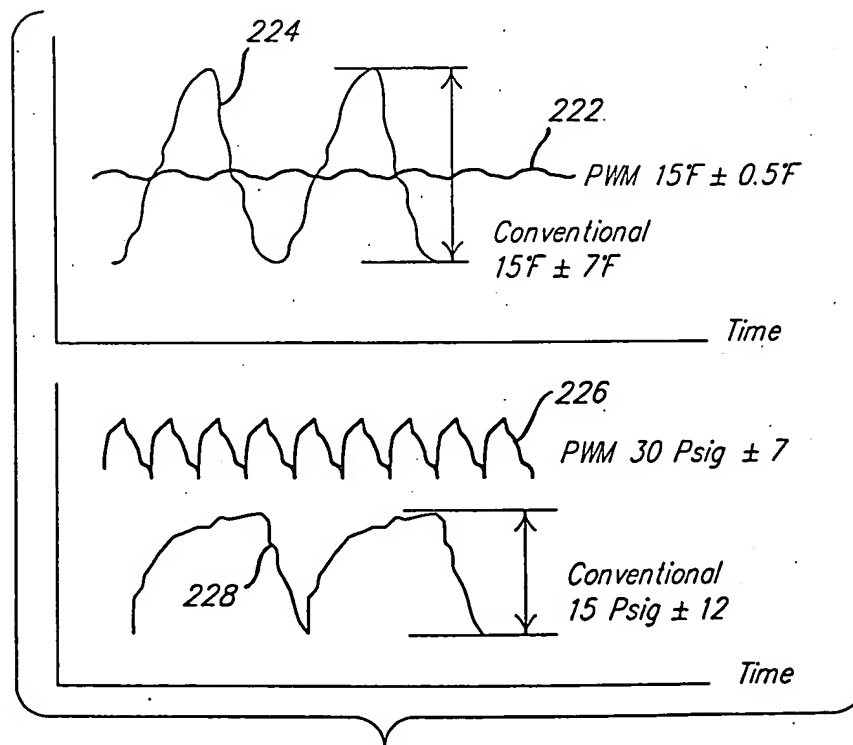


FIG. 14.

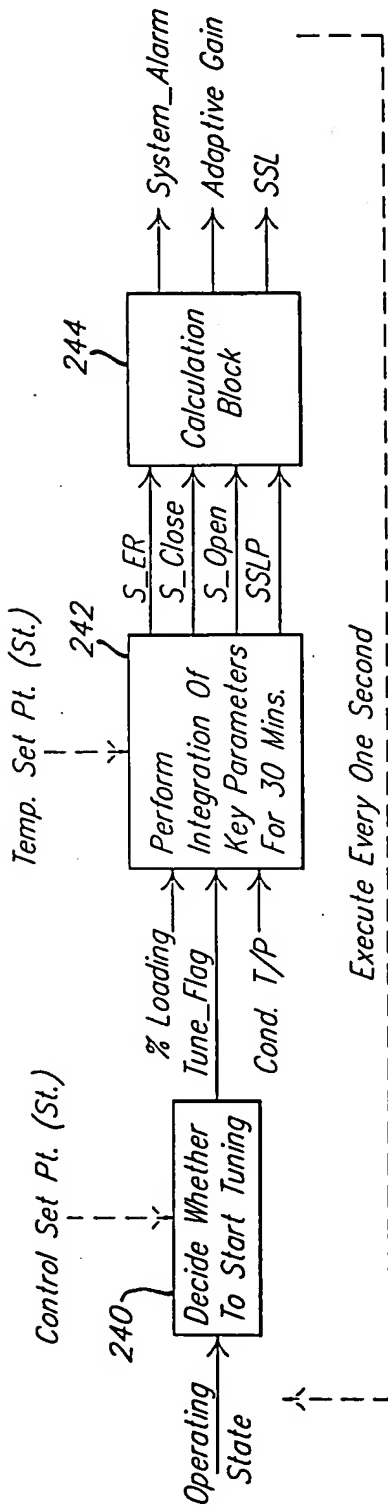


FIG. 15.

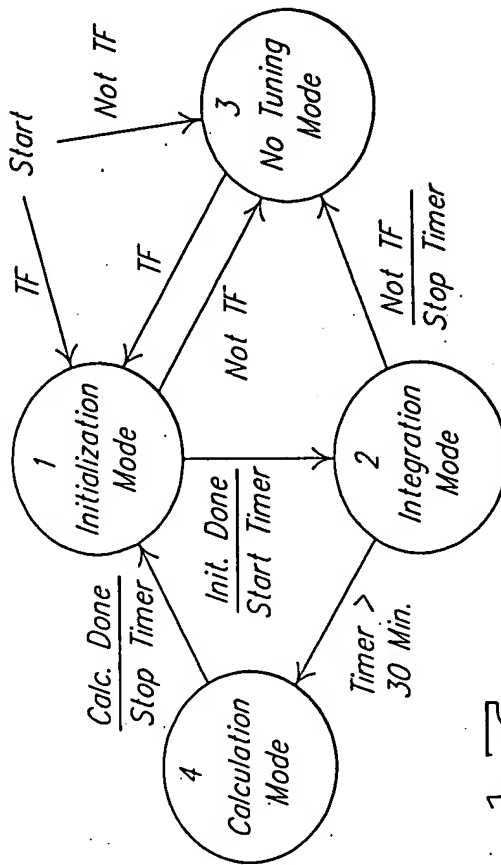


FIG. 17.

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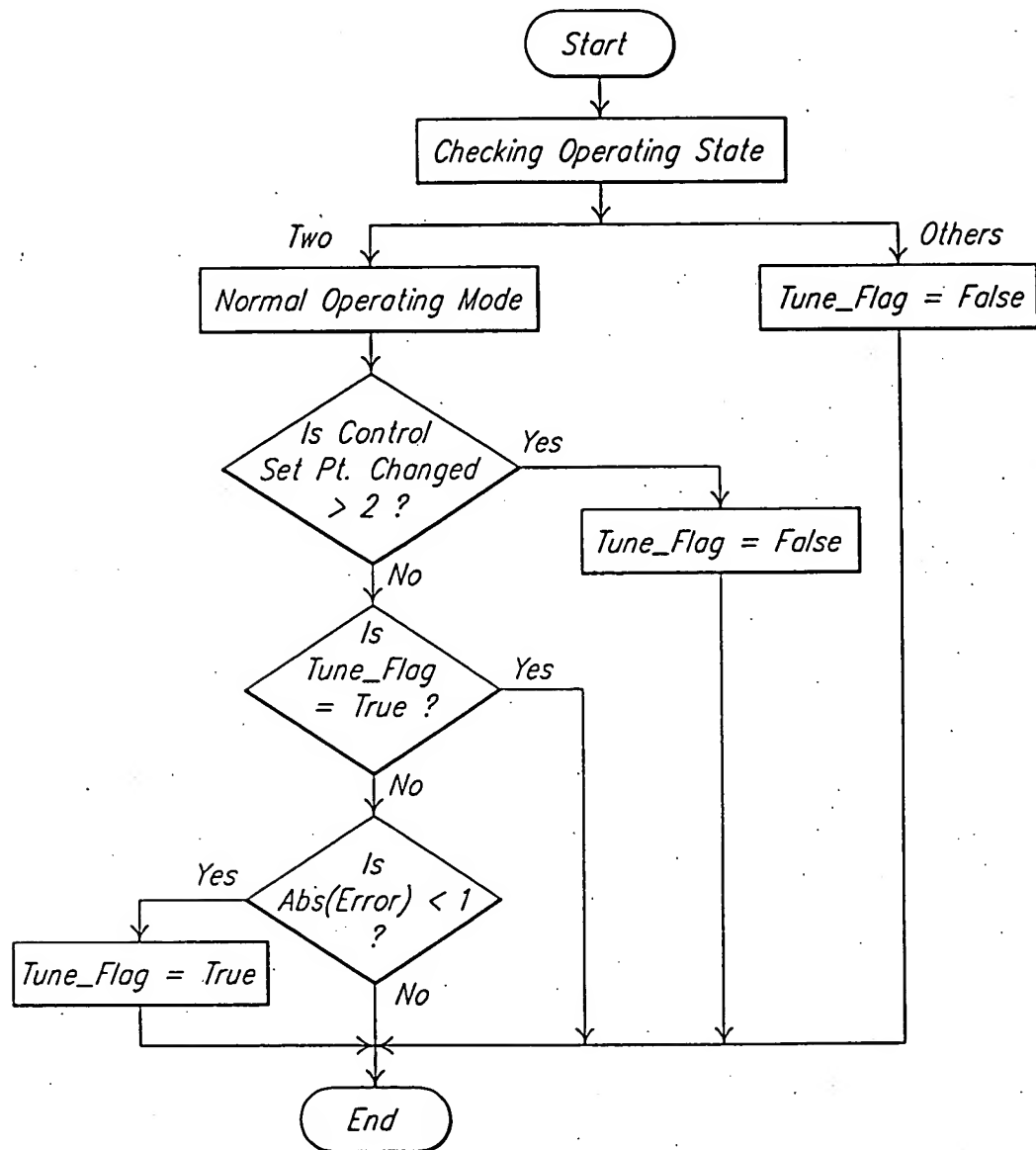


FIG. 16 A.

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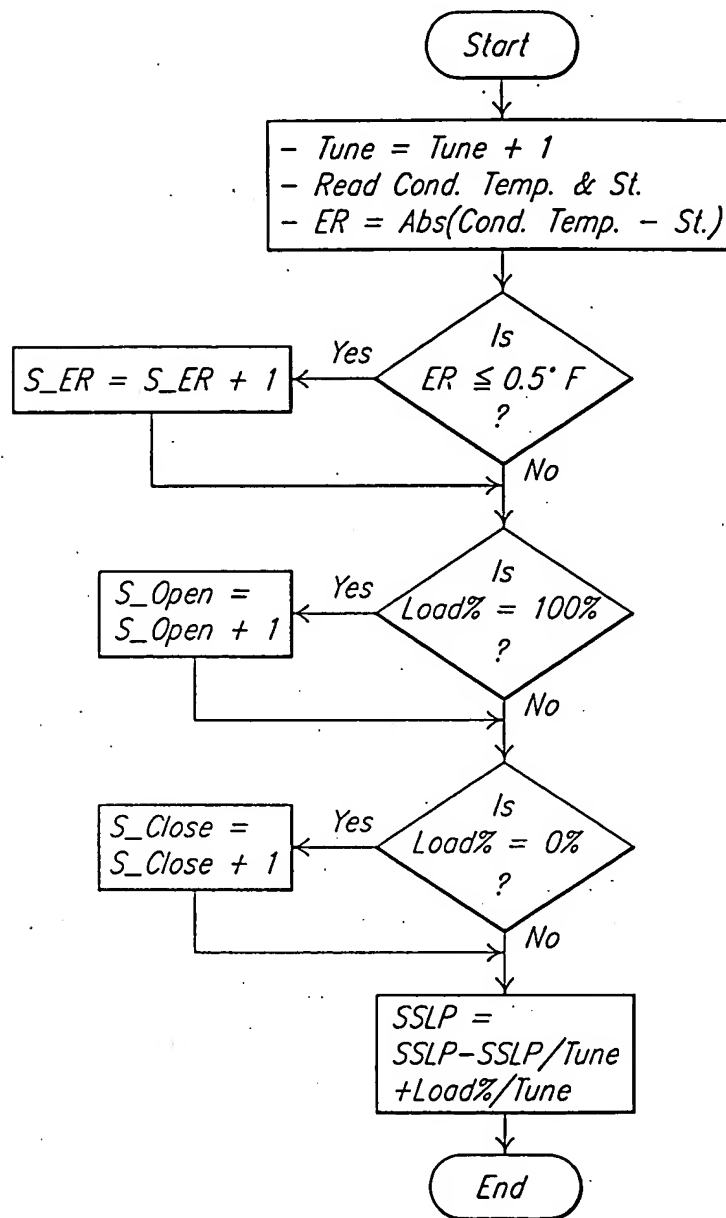


FIG. 1B.

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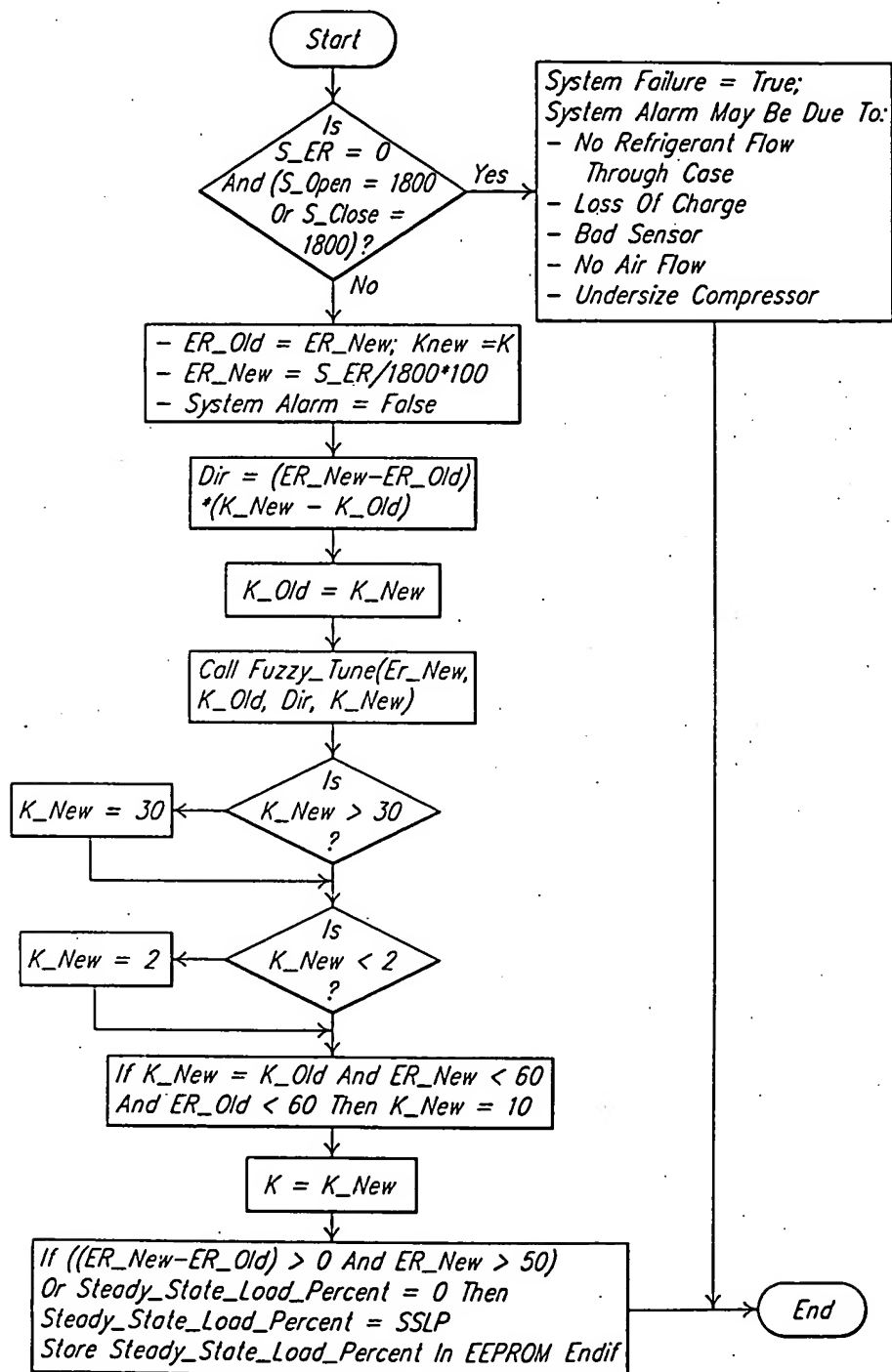


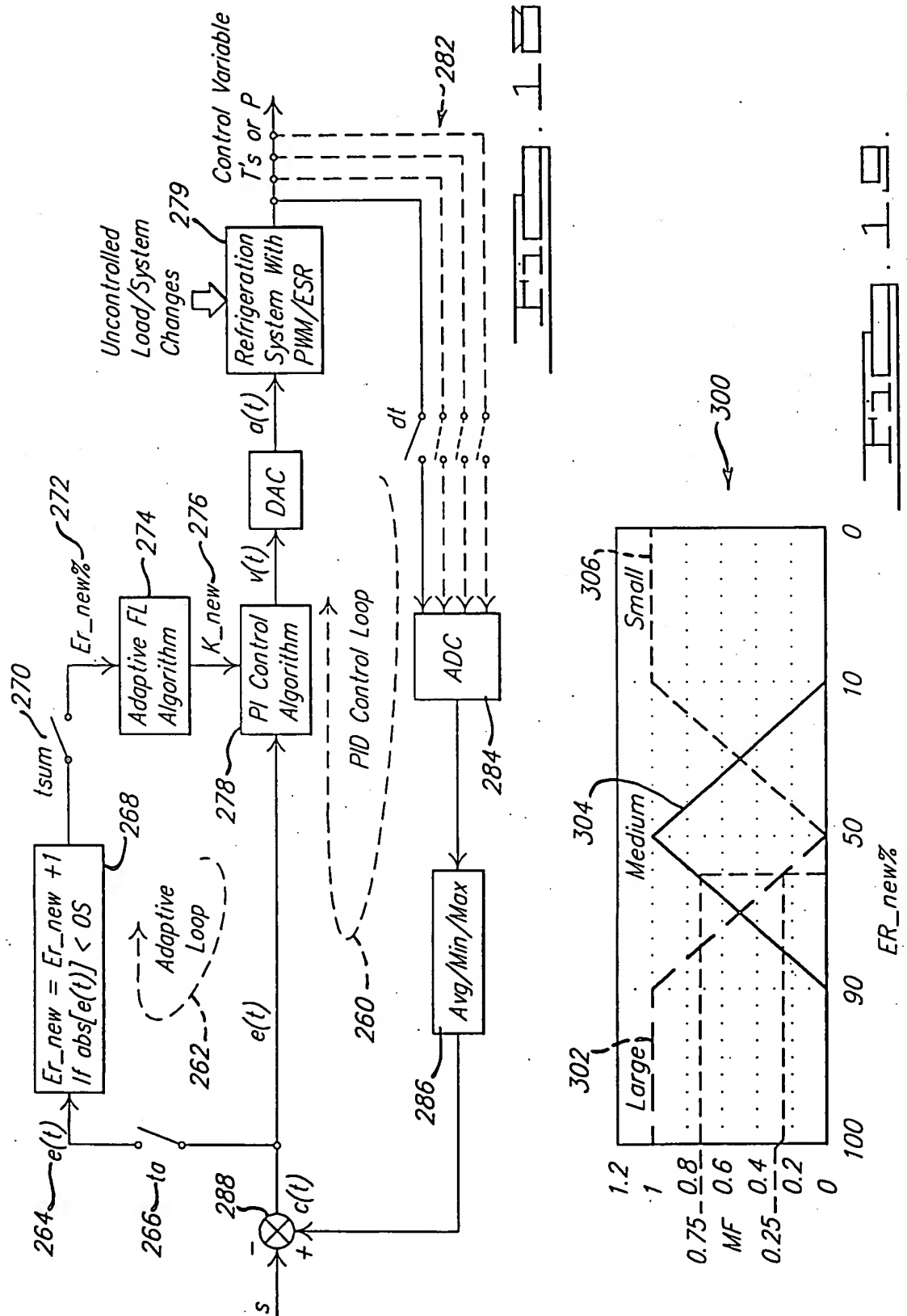
FIG. 15C.

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	<i>DIR(I)</i>	<i>1</i>	<i>2</i>
<i>Er_new%</i> (<i>J</i>)		<i>Negative/Zero</i>	<i>Positive</i>
<i>1</i>	<i>Large</i>	<i>NC</i>	<i>NC</i>
<i>2</i>	<i>Medium</i>	<i>NSC</i>	<i>PSC</i>
<i>3</i>	<i>Small</i>	<i>NBC</i>	<i>PBC</i>

